

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A endovascular graft kit, comprising:
 - a endovascular graft, including a tubular graft body having a graft wall surrounding a central lumen, and
 - a guidewire for forming the opening in the graft wall, the guidewire having a proximal end, a distal end and a piercing element ~~on-attached~~ to said guidewire at a location intermediate the proximal end and the distal end.
2. (previously presented) The endovascular graft kit of claim 1, further comprising: at least one expandable stent connected to the tubular graft body.
3. (currently amended) The endovascular graft kit of claim 23, wherein the fenestrations through the graft wall are expandable.
4. (previously presented) The endovascular graft kit of claim 23, wherein the fenestrations through the graft wall are in the form of slits oriented longitudinally with respect to the tubular graft body.
5. (previously presented) The endovascular graft kit of claim 1, further comprising: a grommet insertable into an opening formed in the graft wall.
6. (previously presented) The endovascular graft kit of claim 1, further comprising: a sidebranch graft connectable to an opening formed in the graft wall.
7. (previously presented) The endovascular graft kit of claim 6, wherein the sidebranch graft has a flange configured to form a fluidtight connection to the opening in the graft wall and an expandable anchor configured to form a fluidtight seal with a branch vessel.

8. (currently amended) The endovascular graft kit of claim 1, wherein the piercing element is rearwardly-facing and has a piercing tip pointing toward the proximal end of the guidewire.

9. (previously presented) The endovascular graft kit of claim 8, wherein the kit further comprises a catheter for introducing the guidewire into the patient's blood vessel.

10. (currently amended) A endovascular graft kit, comprising:

a endovascular graft, including:

an outer tubular graft body having a graft wall surrounding a central lumen; and
an inner tubular graft body sized and configured for placement within the central lumen of the outer tubular graft body, the inner tubular graft body having a graft wall surrounding a central lumen;

a guidewire for forming the opening in the graft wall, said guidewire having a proximal end, a distal end and a piercing element ~~on-attached~~ to said guidewire at a location intermediate said proximal end and said distal end.

11. (previously presented) The endovascular graft kit of claim 10, further comprising:
at least one expandable stent connected to the outer tubular graft body or the inner tubular graft body.

12. (previously presented) The endovascular graft kit of claim 27, wherein the fenestrations through the outer tubular graft body and the fenestrations through the inner tubular graft body are expandable.

13. (previously presented) The endovascular graft kit of claim 10, wherein the outer tubular graft body and the inner tubular graft body are permanently attached to one another.

14. (previously presented) The endovascular graft kit of claim 10, wherein the outer tubular graft body and the inner tubular graft body are separable from one another.

15. (previously presented) The endovascular graft kit of claim 27, wherein the fenestrations through the outer graft wall are configured to seal against the inner graft wall and the fenestrations through the inner graft wall are configured to seal against the outer graft wall when the inner tubular graft body is placed within the central lumen of the outer tubular graft body.

16. (previously presented) The endovascular graft kit of claim 27, wherein the fenestrations through the outer graft wall are in the form of slits oriented longitudinally with respect to the outer tubular graft body and wherein the fenestrations through the inner graft wall are in the form of slits oriented circumferentially with respect to the inner tubular graft body.

17. (previously presented) The endovascular graft kit of claim 10, further comprising: a grommet insertable into an opening formed through the outer graft wall and the inner graft wall.

18. (previously presented) The endovascular graft kit of claim 10, further comprising: a sidebranch graft connectable to an opening formed through the outer graft wall and the inner graft wall.

19. (previously presented) The endovascular graft kit of claim 18, wherein the sidebranch graft has a flange configured to form a fluidtight connection to the opening through the outer graft wall and the inner graft wall and an expandable anchor configured to form a fluidtight seal with a branch vessel.

20. (canceled)

21. (previously presented) The endovascular graft kit of claim 10, wherein the piercing element is rearwardly-facing and has a piercing tip pointing toward the proximal end of the guidewire.

22. (previously presented) The endovascular graft kit of claim 21, wherein the kit further comprises a catheter for introducing the guidewire into the patient's blood vessel.

23. (previously presented) The endovascular graft kit of claim 1, wherein the endovascular graft has a multiplicity of fenestrations through the graft wall.

24. (previously presented) The endovascular graft kit of claim 1, further comprising a graft delivery catheter for implanting the fenestrated endovascular graft within a patient's blood vessel.

25. (currently amended) The endovascular graft kit of claim 1, wherein the guidewire has a distal portion and a relatively stiffer proximal portion, and wherein the piercing element is mounted attached to the guidewire in the vicinity of the flexible distal portion.

26. (previously presented) The endovascular graft kit of claim 1, wherein the piercing element has a retracted position in which the piercing element lies alongside the guidewire and an extended position in which the piercing element is positioned to pierce the graft wall.

27. (previously presented) The endovascular graft kit of claim 10, wherein the endovascular graft has a multiplicity of fenestrations through the graft wall of said outer tubular graft body and a multiplicity of fenestrations through the inner tubular graft body.

28. (previously presented) The endovascular graft kit of claim 10, further comprising a graft delivery catheter for implanting the fenestrated endovascular graft within a patient's blood vessel.

29. (currently amended) The endovascular graft kit of claim 10, wherein the guidewire has a distal portion and a relatively stiffer proximal portion, and wherein said piercing element is attached to the guidewire mounted in the vicinity of the flexible distal portion.

30. (previously presented) The endovascular graft kit of claim 10, wherein said piercing element has a retracted position in which said piercing element lies alongside said guidewire and an extended position in which said piercing element is positioned to pierce said graft wall.